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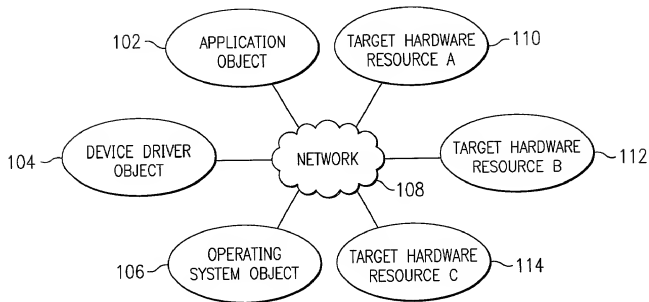


FIG. 1

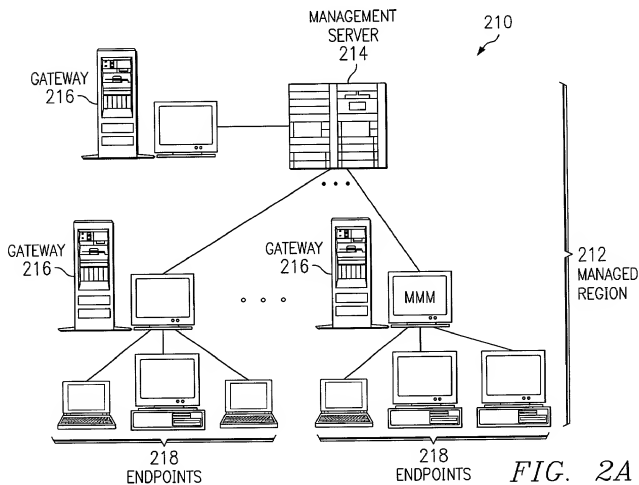


FIG. 2A

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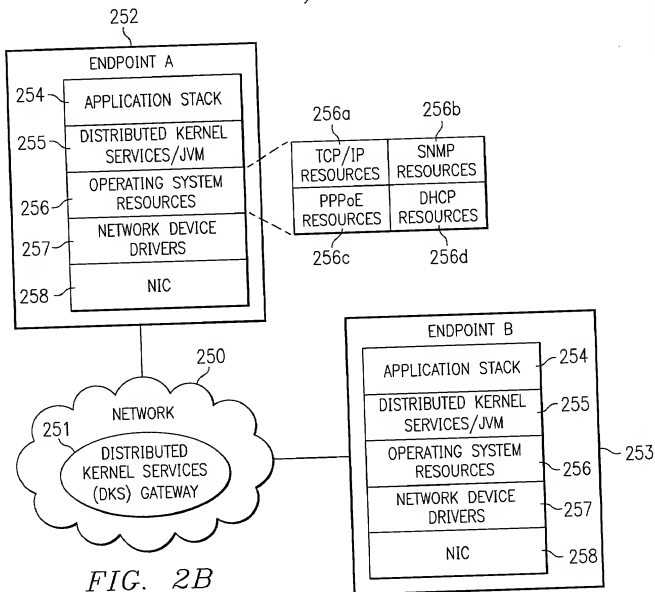


FIG. 2B

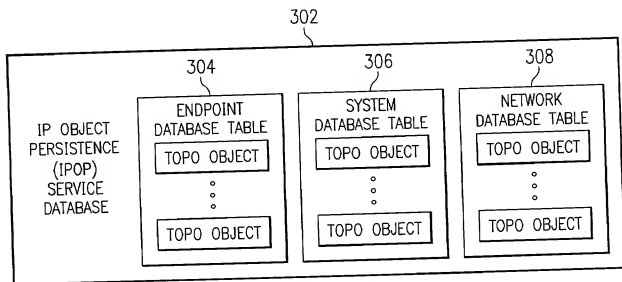


FIG. 3

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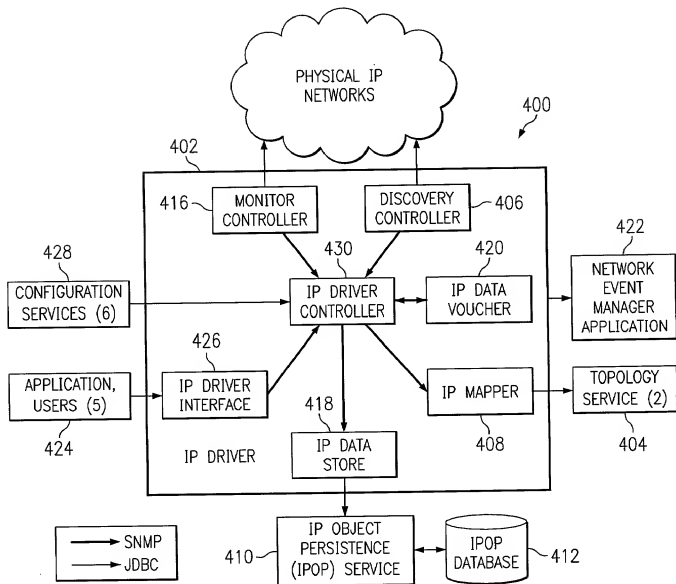
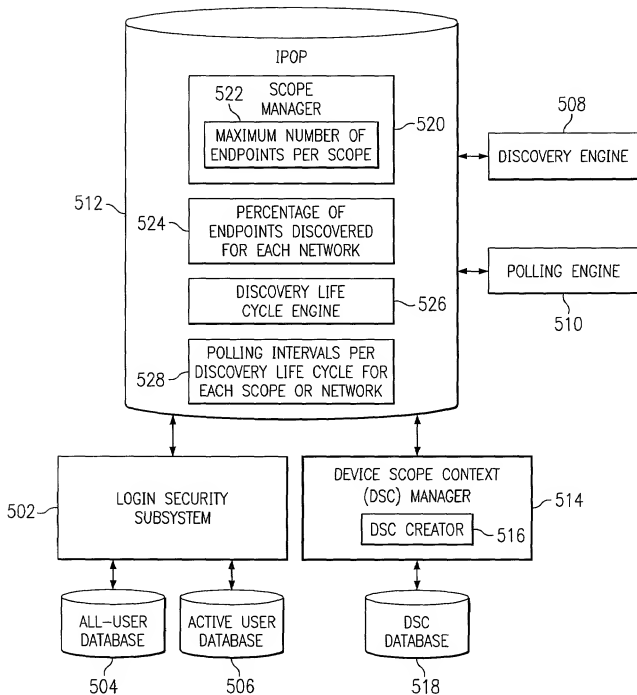


FIG. 4

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FIG. 5



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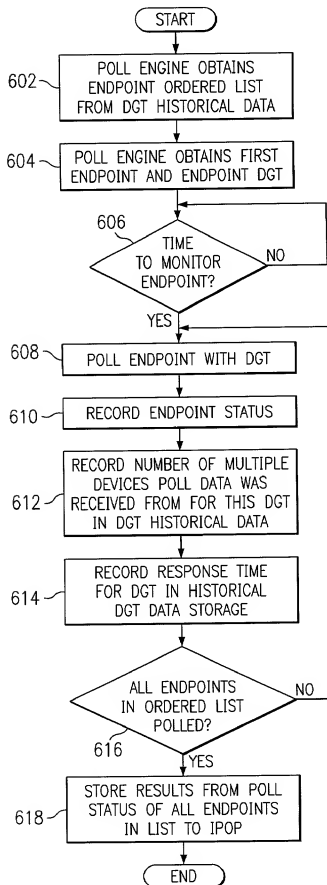


FIG. 6

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FIG. 7

Network Management Application

ADAPTIVE DATA GATHERING

DATA GATHERING ORDER

704

SNMP all Device connected to Network

SNMP routers only

Ping Spread

PPPoE

705

SNMP Retries allowed 5 706

707

IP Ping retries allowed 2 708

709

PPPoE retries allowed 0 710

711

Switch to IP ring when number of devices in SNMP tables is less than 5 712

713

Switch to IP ring when number of devices in network left to discover is 2 715

717

Switch to IP ring when time of single SNMP query exceeds 0 ms 714

717

Enable mixture of SNMP and IP ring queries 716

702

718 SET CLEAR 720

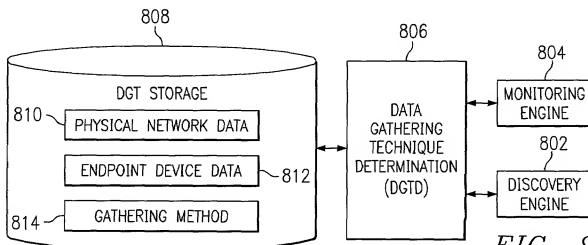
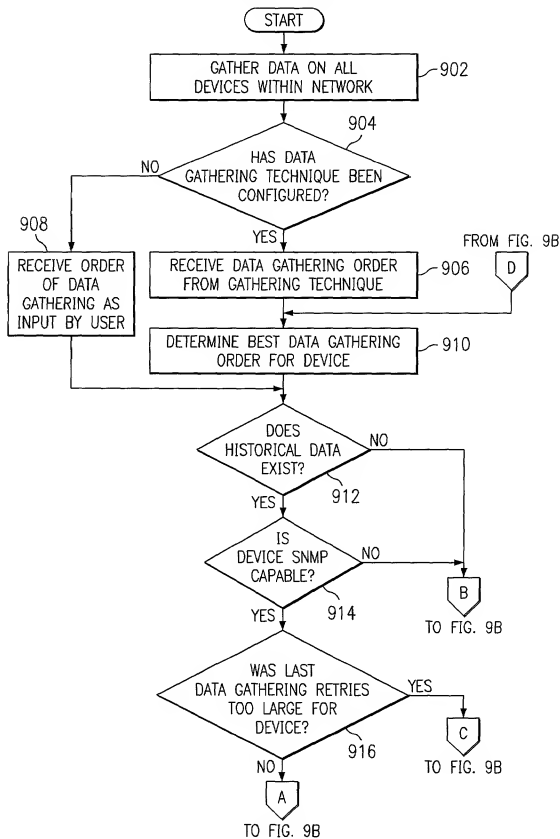


FIG. 8

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FIG. 9A



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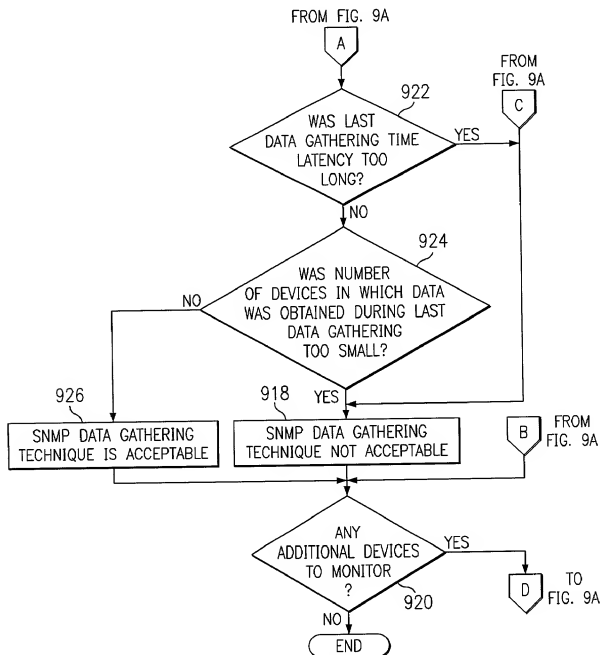


FIG. 9B



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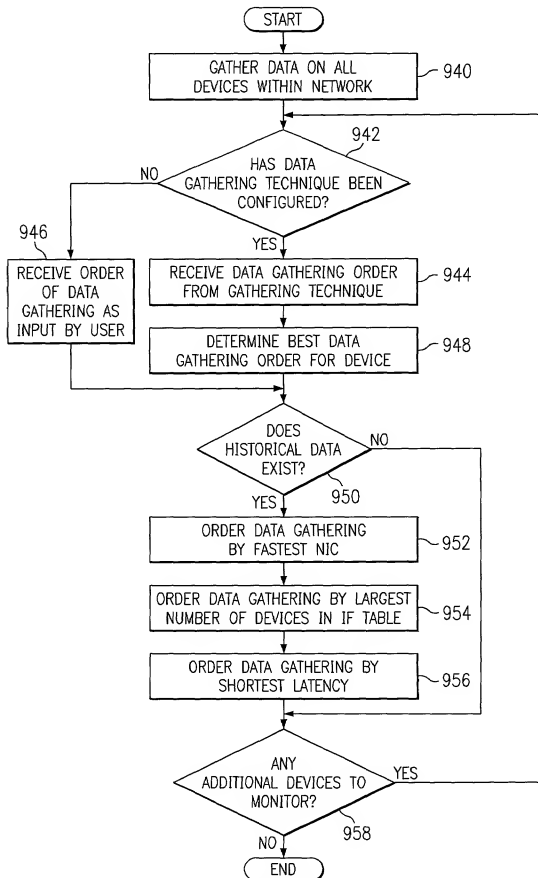


FIG. 9C

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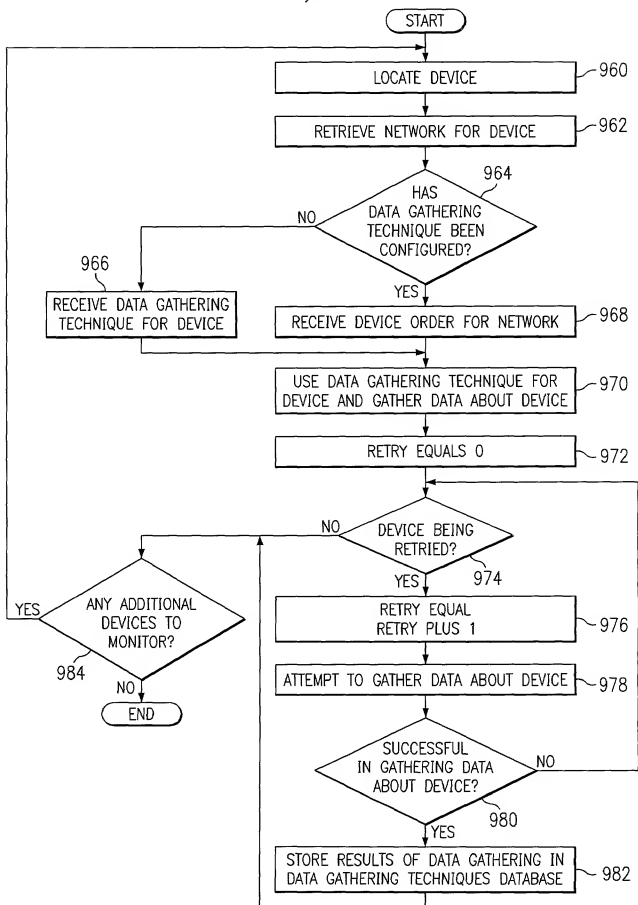


FIG. 9D